

FLETCHER TECHNICAL COMMUNITY COLLEGE
310 ST. Charles St.
Houma, LA. 70360

SYLLABUS

GEOLOGY 1020

Introductory Historical Geology

GEOL 1020 -- HISTORICAL GEOLOGY (3/0/3)

The development, changes, and destruction of the land features and sea areas of the earth and the changing panorama of plant and animal life from the earth's origin to the present day. (400601)

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Instructor
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REQUIRED MATERIALS

Textbook: Historical Geology – Reed Wicander – James Monroe, ^{6th}~~5th~~ Edition.
Notebook, pen, pencils.

METHOD:

The course will primarily be lectures, adhering to the contents of the above text. However, some additional material will be presented, such as rock and fossil specimens, visual aids, chapter outlines, and other pertinent and/or timely literature.

Also, all students will be required to pursue an independent research project using the resources available in the FTCC Library. Detailed instructions, along with a listing of topics will be presented at the beginning of the semester.

TESTING and EVALUATION

All test dates and topics will be announced prior to testing. Also, a chapter outline and summary will be presented before each test. Grading schedule is as follows:

90 – 100 % = A

80 – 89 % = B

70 – 79 % = C

60 – 69 % = D

59 or below = F

Final Grade will be derived from the average of all Chapter tests, the FTCC library research paper and any extra credits accumulated.

EXTRA CREDITS

Students are encouraged to earn extra grade credits by participating in volunteer community service projects such as the annual BTNEP Grande Isle beach sweep, the Barataria Preserve trail clearing and other related activities. Also grade credits can be earned by attending field trips such as the LUMCON Last Island boat trip and other events to be scheduled. In addition, extra credits can be earned by presenting rock and fossil specimens, pertinent documents, maps and charts, etc.

ATTENDANCE

The attendance policy as set forth in the Student Handbook will be adhered to.

GENERAL RULES

Drinking or eating in class is not permitted. Students are expected to get permission from the instructor before leaving the classroom. All cell phones must be turned off during class. In summary, students are expected to act in a courteous and considerate manner, and in accordance with the rules with the rules set forth in the Student Handbook.

ACADEMIC HONESTY

Cheating, plagiarism and any other form of dishonesty will not be tolerated. The instructor and, or the institutional staff will impose disciplinary sanctions upon any student violating the Academic Honesty Policy of this institution.

STUDENTS WITH DISABILITIES

This institution complies with 504 of the Americans with Disabilities Act. Students with disabilities, who seek accommodations, must make their requests known by contacting the Disabilities Coordinator, (Mr. Ray Bilello in Student Services) at the beginning of the semester. If a disability is identified later in the semester, a non-retroactive accommodation plan will be developed.

COMPETENCIES AND OBJECTIVES

Students are expected to read the entire assigned textbook for this course during the term of the semester. Also, students should be able to answer the review questions at the end of each chapter and have a working knowledge of the terminology used in each chapter.

At the end of the course, all students should have a general knowledge of the following topics:

1. History of the development of the continental drift and plate tectonics theories.
2. Current evidence supporting the above theories.
3. The mechanism thought to be the driving force for plate movement.
4. The geologic time scale and the vastness of geologic time.
5. A general knowledge of the major stratigraphic sequences of continental development.
6. A general knowledge of life forms fossilized in the stratigraphic sequences of the geologic time units.
- 7.

Addendum to syllabus – Geol. 1010-1020

RE: Research Project

1. Choosing a topic.
 - A. Must be science related.
 - B. Some topics will be assigned by instructor.
2. Use of FTCC Library
 - A. At least one reference must come from the FTCC library.
 - B. Students shall sign in at main desk.
3. Abstract.
 - A. For each research paper the student shall compose a brief Abstract, or summary, of the topic presented.
 - B. The abstract shall be presented prior to the main presentation.
4. Due Date
 - A. The project shall be due during the week of final exams.
 - B. The abstract may be presented at any time prior to the final week.

Addendum to Course presentation:

In addition to the material provided in the course text, special emphasis is presented on the geologic history and geomorphology of the deltas of the Mississippi River in Southeast Louisiana. Also, problems and solutions pertinent to coastal restoration and storm surge protection are discussed.

Finally, At one point during the semester, at least one guest speaker is invited to discuss and update the above considerations..